SEQUENCE LISTING

<110> Jonassen, Ib
Havelund, Svend
Hansen, Per Hertz
Kurtzhals, Peter
Halstrom, John B.

<120> Peptide Derivatives

<130> 4409.214-US

<140> US 09/772,607
<141> 2001-01-30

<150> US 09/068,822
<151> 1998-05-14

<150> PCT/DK96/00106
<151> 1996-03-18

<150> DK 275/95
<151> 1995-03-18

<160> 14

<170> FastSEQ for Windows Version 4.0

<210> 1
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> MOD_RES
<222> LOCATION :15
<223> Lys at position 15 is modified with $N^{epsilon}$-gamma- Glu(N^{alpha} -
tetradecanoyl)-OH)

<400> 1
Ala Gly Cys Lys Asn Phe Phe Trp Lys Thr Tyr Thr Ser Cys Lys
 1   5   10   15

<210> 2
<211> 28
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>

<221> MOD_RES
<222> LOCATION :28
<223> Lys at position 28 is modified with N^{epsilon}-gamma- Glu(N^{alpha} -
tetradecanoyl)-OH)

<400> 2
His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
1   5   10   15
Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys

            20   25

<210> 3
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> MOD_RES
<222> LOCATION :29
<223> Lys at position 29 is modified with N^{epsilon}-gamma- Glu(N^{alpha} -
tetradecanoyl)-OH

<400> 3
Ser Leu Arg Arg Ser Ser Cys Phe Gly Gly Arg Met Asp Arg Ile Gly
1   5   10   15
Ala Gln Ser Gly Leu Gly Cys Asn Ser Phe Arg Tyr Lys
            20   25

<210> 4
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> MUTAGEN
<222> LOCATION: 8
<223> Xaa = Ala as a D-amino acid

<400> 4
Tyr Gly Gly Phe Cys Arg Arg Xaa Arg Pro Cys
1   5   10

<210> 5
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>

<221> MOD_RES
<222> LOCATION :6
<223> Lys at position 6 is modified with $N^{epsilon}$-gamma- Glu(N^{alpha} - tetradecanoyl)-OH)

<400> 5
Ala Pro Gly Pro Arg Lys
 1   5

<210> 6
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> MUTAGEN
<222> LOCATION: 1
<223> Xaa at position 1 is formylated Nle

<220>
<221> MUTAGEN
<222> LOCATION: 4
<223> Xaa at position 4 is Nle

<220>
<221> MOD_RES
<222> LOCATION: 6
<223> Lys at position 6 is modified with $N^{epsilon}$-gamma- Glu(N^{alpha} - tetradecanoyl)-OH)

<400> 6
Xaa Leu Phe Xaa Tyr Lys
 1   5

<210> 7
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> MUTAGEN
<222> LOCATION: 1
<223> Xaa at position 1 is formylated Nle

<220>
<221> MUTAGEN
<222> LOCATION: 4
<223> Xaa at position 4 is Nle

<400> 7

Xaa Leu Phe Xaa Tyr Lys

<210> 8
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> MUTAGEN
<222> LOCATION :2
<223> Xaa = Ala as a D-amino acid

<220>
<221> MOD_RES
<222> LOCATION :6
<223> Lys at position 6 is modified with $N^{epsilon}$-gamma- Glu(N^{alpha} - tetradecanoyl)-OH)

<400> 8
Tyr Xaa Gly Phe Leu Lys
 1   5
<210> 9
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>

<221> MISC_FEATURE
<222> LOCATION: 1
<223> Tyr is modified with butoxycarbonyl

<220>

<221> MUTAGEN
<222> LOCATION :2
<223> Xaa = Ala as a D-amino acid

<400> 9

Tyr Xaa Gly Phe Leu Lys

<210> 10
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>

<221> MUTAGEN
<222> LOCATION :2
<223> Xaa = Ala as a D-amino acid

<400> 10

Tyr Xaa Gly Phe Leu Lys

<210> 11
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> MOD_RES
<222> LOCATION :10
<223> Lys at position 10 is modified with $N^{epsilon}$-gamma- Glu(N^{alpha} - tetradecanoyl)-OH)

<400> 11
Pro His Pro Phe His Phe Phe Val Tyr Lys
 1   5   10

<210> 12
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> LOCATION: 1
<223> Pro at position 1 is modified with 9-fluorenylmethyloxycarbonyl

<400> 12
Pro His Pro Phe His Phe Phe Val Tyr Lys
 1   5   10

<210> 13
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<400> 13
Pro His Pro Phe His Phe Phe Val Tyr Lys

<210> 14
<211> 29
<212> PRT
<213> Artificial Sequence

<220>
<223> Synthetic

<220>
<221> MOD_RES
<222> LOCATION:29
<223> Lys at position 29 is modified with $N^{epsilon}$-gamma- Glu(N^{alpha} - tetradecanoyl)-OH)

<400> 14
Ser Leu Arg Arg Ser Ser Cys Phe Gly Gly Arg Met Asp Arg Ile Gly
 1   5   10   15
Ala Gln Ser Gly Leu Gly Cys Asn Ser Phe Arg Tyr Lys
            20   25